

WHAT IS CLAIMED IS:

1. Electronic apparatus comprising:

a first system having a first CPU;

a second system having a second CPU;

5 a connection unit configured to connect the first system and the second system; and

a power application control unit configured to control the application of power to the first system and the second system through the connection unit.

10 2. The electronic apparatus according to claim 1, wherein the power application control unit include a setting unit configured to selectively set a first power application mode in which the application of power to only the first system is started and a second power application mode in which the application of
15 power to both the first system and the second system is started, upon receipt of a power application instruction.

20 3. The electronic apparatus according to claim 1, wherein the power application control unit include a decision unit configured to decide whether or not the power is applied from an external power supply; and a power supply starting unit configured to start the application of power to only the first system when the
25 decision is that the power is not applied from an external power supply and start the application of power to both the first system and the second system

when the decision is that the power is applied from an external power supply, upon receipt of a power application instruction.

4. The electronic apparatus according to claim 3,
5 wherein the power application control unit include a power supply stopping unit configured to stop the application of the power to one of the first system and the second system which is not in use, upon detecting that the application of power from an external power
10 supply is interrupted.

5. The electronic apparatus according to claim 1, wherein the power application control unit include a power supply starting unit configured to start the application of power to one of the first system and the
15 second system, responsive to an instruction from the other.

6. The electronic apparatus according to claim 5, wherein the power application control unit include a power supply stopping unit configured to stop the
20 application of power to the other of the first system and the second system, after the application of power to one of the first system and the second system is started in response to an instruction from the other.

7. The electronic apparatus according to claim 1,
25 further comprising a peripheral device shared by the first system and the second system and a selector which selectively connects the peripheral device to the first

system and the second system, wherein the power application control unit include a selector controlling unit configured to control the selector according to usage of the first system and the second system.

5 8. The electronic apparatus according to claim 7, wherein the selector controlling unit of the power application control unit causes the system which has been connected to the card slot to execute processing to be performed when the expansion card is removed and, 10 after this execution, causes the system to which the card slot is connected to execute processing to be performed when the expansion card is plugged into the card slot, when the connection of the card slot is switched from one of the first system and the second 15 system to the other in a state where both the first system and the second system are activated.

 9. The electronic apparatus according to claim 1, further comprising a display device shared by the first system and the second system; and a combining unit 20 configured to combine image data output from the first system and the second system to the display device.

 10. Electronic apparatus comprising:
 a first system having a first CPU;
 a second system having a second CPU;
25 a connection unit configured to connect the first system and the second system; and
 a system switching unit configured to switch

between the first system and the second system for selective use thereof through the connection unit.

11. The electronic apparatus according to claim 10, wherein the system switching unit include
5 a setting unit configured to set the system to be activated, upon receipt of a system activate instruction.

12. The electronic apparatus according to claim 10, further comprising a button to instruct
10 system activation,

wherein the system switching unit activates the first system when the button is pressed for more than a predetermined length of time and activates the second system when the button is pressed for less than the
15 predetermined length of time.

13. The electronic apparatus according to claim 12, wherein the system switching unit include a substituting unit configured to substitute the system to be activated when the button is pressed for more
20 than a predetermined length of time with the system to be activated when the button is pressed for less than the predetermined length of time so that the second system is activated when the button is pressed for more than the predetermined length of time.

14. The electronic apparatus according to claim 10, wherein the system switching unit activates
25 the system which had been used immediately before

the last system shutdown, upon receipt of an system activate instruction.

15 15. The electronic apparatus according to claim 10, further comprising a first button and a second button to instruct system activation, wherein the system switching unit activate the first system when the first button is pressed and activate the second system when the second button is pressed.

10 16. The electronic apparatus according to claim 10, wherein the system switching unit switches from the first system to the second system, upon receipt of an instruction to execute a program which can be run on the second system while the first system
15 is in use.

17. Electronic apparatus comprising:
a first system having a first CPU;
a second system having a second CPU;
a connection unit configured to connect the first
20 system and the second system; and
a file management unit configured to manage a file retained by the first system and a file retained by the second system through the connection unit.

25 18. The electronic apparatus according to claim 17, wherein the file management unit has synchronizing unit configured to synchronize the file retained by the first system and the file retained by

the second system at a predetermined time.

19. The electronic apparatus according to
claim 17, further comprising a peripheral device shared
by the first system and the second system; and a
5 selector which selectively connects the peripheral
device to the first system and the second system,

wherein the file management unit controls the
selector according to use of the first system and the
second system.